

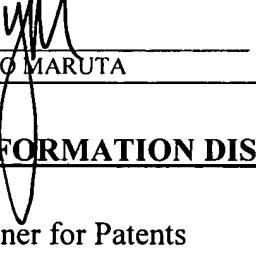
S/N unknown PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: NANAI et al. Examiner: unknown  
Serial No.: Unknown Group Art Unit: Unknown  
Filed: Concurrent herewith Docket: 10873.1744USWO  
Title: FIELD EFFECT TRANSISTOR, ELECTRICAL ELEMENT  
ARRAY, AND MANUFACTURING METHOD FOR THE  
SAME

CERTIFICATE UNDER 37 CFR 1.10  
Express Mail mailing label number: ED 977673158 US  
Date of Deposit: OCTOBER 20, 2005

I hereby certify that the papers listed below are being deposited with the United States Postal Service Express Mail Post Office to Addressee service under 37 CFR 1.10 in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Arlington, VA 22313-1450.

By:   
Name: YUHGO MARUTA

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(c))

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner. The references were recently cited in an International Search Report, mailed March 15, 2005.

This statement should be considered because it is submitted within three months of the filing date of the above-identified application, which is not an application under 37 C.F.R. §1.53(d). Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each non-U.S. document or other information listed on the enclosed Form 1449 is provided. A copy of the International Search Report is enclosed.

10/553860  
JC20 Rec'd PCT/PTO 20 OCT 2005

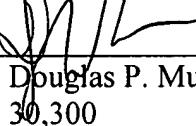
No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Respectfully submitted,

HAMRE, SCHUMANN, MUELLER &  
LARSON, P.C.  
P.O. Box 2902  
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Dated: October 20, 2005

By:   
Douglas P. Mueller  
30,300

DPM:nel

Date Mailed: OCTOBER 20, 2005

Sheet 1 of 1

FORM 1449* <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b> (Use several sheets if necessary)			Docket Number: 10873.1744USWO	Application Number: <b>10/7553860</b>
			Applicant: NANAI et al.	
			Filing Date: CONCURRENT HEREWITH	Group Art Unit: UNKNOWN

<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	5,693,977	12.2.1997	HADDON et al.				
	6,870,182	3.22.2005	KOYAMA et al.				
	2004/0238887	12.2.2004	NIHEY				
<b>FOREIGN PATENT DOCUMENTS</b>							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	2003-17503	2003.1.17	JP			ABSTRACT	
	2003-258164	2003.9.12	JP			ABSTRACT	
	2003-338629	2003.11.28	JP			ABSTRACT	
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)							
		C.D. Dimitrakopoulos et al., "Molecular beam deposited thin films of pentacene for organic field effect transistor applications", J. Appl. Phys. 80 (4), pp. 2501-2508 (1996).					
		V. Derycke et al., "Controlling doping and carrier injection carbon nanotube transistors" Appl. Phys. Lett. Vol. 80 (15), pp. 2773-2775 (2002).					
		Moonsub Shim et al., "Polymer Functionalization for Air-Stable n-Type Carbon Nanotube Field-Effect Transistors", J. Am. Chem. Soc. 123, pp. 11512-11513 (2001).					
		V. Derycke et al., "Carbon Nanotube Inter-and Intramolecular Logic Gates", Nano. Lett. Vol. 1 (9), pp. 453-456 (2001).					
		S. Rosenblatt et al, "High Performance Electrolyte Gated Carbon Nanotube Transistors", Nano. Lett. Vol. 2 (8), pp. 869-872 (2002).					
		Phaedon Avouris, "Carbon nanotube electronics", Chem. Phys. 281, pp. 429-445 (2002).					

<b>53148</b>
PATENT TRADEMARK OFFICE

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	